

N.H. PETROLEUM STORAGE FACILITY FUND PROGRAM UNIT-BASED AND PROJECT-BASED

Table 1. Unit-Based Costs

Leaking OPUF Tank Pump Out (1)	\$200 per tank
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Meters – Detectors	Daily
Photoionization detector (PID)	\$90
Flameionization detector (FID)	\$90
Water level meter	\$15
Interface probe	\$25
Low flow sampling system	\$175
pH, Conductivity and Temperature meter	\$20
Dissolved Oxygen meter	\$30
Metal detector	\$15

(1) This cost covers labor and materials to pump out a **visibly leaking** heating oil storage tank - only. If an OPUF must be temporarily relocated to conduct corrective action, a time & materials budget must be pre-approved. This can be included as an add-on to the OPUF 5-Day form.

Laboratory Analysis
Soil/Solids
VOC Full List (w/trip blank)
VOC Short List (w/trip blank)
8270B or 8310 (PAH)
8015 DRO or GRO (TPH)
Ignitability (1010)
VOC/TPH/Ignitability (for VPC soil disposal characterization)
VOC/TPH/PAH
VOC/TPH
TCLP Metals (8 RCRA) and prep time
Groundwater/Drinking water
VOC Full List (w/trip blank)
VOC Short List (w/trip blank)
8270B (PAH)
8021B BTEX, MTBE and/or Naphthalene
Alkalinity
Dissolved Metals (each)
Metals sample preparation charge
Methane
Nitrate
Sulfate
Total Organic Carbon (TOC)
Indoor Air
EPA Method TO-14, Canister sampling for BTEX, MTBE and/or Naphthalene

Drilling
Mobilization/demobilization (installation or decommission)
Drill rig (hollow stem auger) with 2-man crew
Well materials
8" Flush mount protective casing
Steam cleaner
Air Hammer Attachment + Compressor
Geoprobe/Direct Push Rig with operator
Geoprobe well points
Road Box Replacement (from 1 to 3 wells)
Road Box Replacement (from 4 to 6 wells)
Well Decommissioning 2-inch PVC
Compression or "J" Plugs
Grout Pump

Costs



Oil Fund Disbursement Board

Each
\$160
\$140
\$150
\$90
\$35
\$250
\$350
\$225
\$200
\$160
\$140
\$150
\$100
\$15
\$15
\$10
\$90
\$15
\$15
\$50
\$250

Rate
\$150 lump sum per job
\$1,200 per day
\$10 per ft
\$75 ea
\$75 per day
\$250 per day
\$1,000 per day
\$25 each
\$200 per well
\$175 per well
\$8 per foot
\$12 ea
\$300 per day

Sampling Equipment and Supplies	Daily	Other
Data Logger Pressure Transducer	\$100	
Disposable bailers		\$10 ea
Encore™ sample container for use with sampling Method		\$8 ea
Field Supplies	\$25	
Groundwater sampling filter		\$20 ea
Groundwater sampling pump	\$40	
Hand auger	\$15	
Level, tripod, rod/prism, tape/chain	\$40	
Multi Channel Data Logger	\$250	
Transit, tripod, rod/prism, tape/chain	\$80	
Geoprobe core sample liners		\$8 ea

Soil Excavation & Transportation (2)	Unit	Rate
Soil excavation, backfill, & live load	CY	\$8 - \$23
Soil loading - remobilized to site	Ton	\$5
Soil transportation	Ton	\$5 - \$8

(2) This sub-table may apply to specific circumstances, e.g., UST/AST closure projects where mobilization has occurred, and/or when transportation can be provided by the disposal facility. Rates may vary due to size of excavation and transport distances.

Fill Materials/Restoration (3)	Unit	Rate
Common backfill	Ton	\$7 - \$12
Gravel/Crushed stone	Ton	\$10 - \$16
Loam	Ton	\$22
Grass seed	Pound	\$7

(3) Rates may vary due to size of excavation and transport distances.

Product & Soil Disposal	Unit	Rate
Bulk Liquid Disposal (gasoline, <500 gallons)	Gallon	\$1.75
Bulk Liquid Disposal (gasoline, 500-1000 gallons)	Gallon	\$1.50
Bulk Liquid Disposal (gasoline, >1000 gallons)	Gallon	\$1.20
Bulk Liquid Disposal (fuel oil)	Gallon	\$0.50
Drum Disposal (gas mixture 3 drums or less)	Drum	\$250
Drum Disposal (fuel oil mixture 3 drums or less)	Drum	\$125
Drummed soil	Drum	\$125
Soil Treatment - Thermal or Asphalt Batching	Ton	\$30
Soil Disposal - Landfill	Ton	\$55
Oil-Contaminated Debris - Bagged for Incineration	Bag	\$30
Oil-Contaminated Debris & Soil Mixtures - Landfill	Ton	\$70